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Abstract

1. Method for monitoring traffic state.

2.1. The invention relates to a method for monitoring the traffic state in a traffic network with effective bottlenecks, in the case of which the traffic state is classified, taking account of recorded traffic measured data for one or more traffic parameters which comprise at least information on the traffic intensity and/or the average vehicle speed, into in each case one of a plurality of state phases which comprise at least the state phases of free traffic and synchronized traffic.

2.2. According to the invention, in the case of the occurrence of an edge, fixed at an effective bottleneck, between downstream free traffic and upstream synchronized traffic, the traffic state upstream thereof is classified as a pattern, representative of the respective bottleneck, of dense traffic which includes one or more different regions which are consecutive upstream, of different state phase composition, and an associated profile of the traffic parameters taken into account for the state phase determination.

2.3. Use, for example, for the purpose of monitoring traffic state, including traffic state prediction in a road traffic network.